Message

From: Soto, Vicki [Soto.Vicki@epa.gov]
Sent: 10/25/2016 12:38:23 PM

To: Perovich, Gina [Perovich.Gina@epa.gov]; Shams, Dahnish [Shams.Dahnish@epa.gov]

Subject: FW: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015) **Attachments**: BaP Tox Review-post ERC-10-24-2016-clean copy-QAed figures.SRC arrays.docx

I was looking this over – she needs to have a few more updates made:

Ex. 5 Deliberative Process (DP)

From: Melia, Julie [mailto:jmelia@srcinc.com] Sent: Monday, October 24, 2016 5:24 PM

To: Soto, Vicki <Soto.Vicki@epa.gov>; Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>

Cc: Shams, Dahnish <Shams.Dahnish@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>; Zaccaria, Kim <kzaccaria@srcinc.com>; Printup, Heather <printup@srcinc.com>; Chamberlin, Lisa <lchamberlin@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Vicki and Kathleen,

We have inserted the updated figures into the report draft as requested (see attached). Please note that insertion of the new figures causes the text to wrap differently. Please let me know if you would like SRC to check for changes and update the table of contents for this draft.

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist Defense and Environmental Solutions SRC, Inc. 162 US Route 1 Scarborough, ME 04074 T 207-883-9824 C 207-318-6409 imelia@srcinc.com www.srcinc.com

From: Soto, Vicki [mailto:Soto.Vicki@epa.gov]
Sent: Monday, October 24, 2016 4:29 PM

To: Melia, Julie <imelia@srcinc.com>; Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>

Cc: Shams, Dahnish < Shams. Dahnish@epa.gov>; Carlson-Lynch, Heather < hct/ynch@srcinc.com>; Zaccaria, Kim < kzaccaria@srcinc.com>; Printup, Heather < printup@srcinc.com>; Chamberlin, Lisa < lchamberlin@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Notice: This message originated outside of SRC.

Great - Thanks Julie! Please include Kathleen on the deliverable.

From: Melia, Julie [mailto:imelia@srcinc.com]
Sent: Monday, October 24, 2016 4:28 PM

To: Soto, Vicki < Soto, Vicki@epa.gov >; Newhouse, Kathleen < Newhouse, Kathleen@epa.gov >

Cc: Shams, Dahnish < Shams. Dahnish@epa.gov>; Carlson-Lynch, Heather < hctvnch@srcinc.com>; Zaccaria, Kim < kzaccaria@srcinc.com>; Printup, Heather < printup@srcinc.com>; Chamberlin, Lisa < hctvnchamberlin@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Vicki,

There is funding left in this TD budget and Lisa Chamberlin is working on this now. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist Defense and Environmental Solutions SRC, Inc. 162 US Route 1 Scarborough, ME 04074 T 207-883-9824 C 207-318-6409 imelia@srcinc.com www.srcinc.com

From: Soto, Vicki [mailto:Soto.Vicki@epa.gov]
Sent: Monday, October 24, 2016 3:59 PM

To: Melia, Julie < imelia@srcinc.com>; Newhouse, Kathleen < Newhouse.Kathleen@epa.gov>

Cc: Shams, Dahnish < Shams. Dahnish@epa.gov>; Carlson-Lynch, Heather < hclynch@srcinc.com>; Zaccaria, Kim < kzaccaria@srcinc.com>; Printup, Heather < printup@srcinc.com>; Chamberlin, Lisa < hclynch@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Notice: This message originated outside of SRC.

Julie – I also should have asked – we need back ASAP! Today or tomorrow morning.

Thanks Vicki

From: Soto, Vicki

Sent: Monday, October 24, 2016 3:55 PM

To: 'Melia, Julie' <jmelia@srcinc.com>; Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>

Cc: Shams, Dahnish < Shams. Dahnish@epa.gov>; Carlson-Lynch, Heather < hclynch@srcinc.com>; Zaccaria, Kim < kzaccaria@srcinc.com>; Printup, Heather < printup@srcinc.com>; Chamberlin, Lisa < hclynch@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Julie,

Is there enough funds on the TD to have SRC insert the correct figures into the Tox Review? The most recent is attached here. Kathleen already finished Section 2. Can you insert the updated figures in Section 1 (Figures 1-1, 1-3, 1-4, and 1-5). We were not sure if Figure 1-6 was changed at all.

Thanks! Vicki

From: Melia, Julie [mailto:jmelia@srcinc.com]
Sent: Wednesday, October 19, 2016 1:34 PM

To: Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>; Soto, Vicki <Soto.Vicki@epa.gov>

Cc: Shams, Dahnish <<u>Shams.Dahnish@epa.gov</u>>; Carlson-Lynch, Heather <<u>hclynch@srcinc.com</u>>; Zaccaria, Kim <<u>kzaccaria@srcinc.com</u>>; Printup, Heather <<u>printup@srcinc.com</u>>; Chamberlin, Lisa <<u>lchamberlin@srcinc.com</u>>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Kathleen,

Thank you for providing this clarification regarding the use of inhalation data in the ER arrays. I believe that the version that we previously sent you represents a complete deliverable for the ER arrays, but please let me know if my assumption is incorrect and further revisions are needed.

Ex. 5 Deliberative Process (DP)

Please let me know if you have questions or need further information.

Thanks very much,

Julie

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From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

Sent: Tuesday, October 18, 2016 2:28 PM

To: Melia, Julie < imelia@srcinc.com >; Soto, Vicki < Soto. Vicki@epa.gov >

Cc: Shams, Dahnish <Shams.Dahnish@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>; Zaccaria, Kim

<kzaccaria@srcinc.com>; Printup, Heather <printup@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Julie, my clarifications are below:

From: Melia, Julie [mailto:imelia@srcinc.com]
Sent: Tuesday, October 18, 2016 10:59 AM

To: Newhouse, Kathleen < Newhouse. Kathleen@epa.gov>; Soto, Vicki < Soto. Vicki@epa.gov>

Cc: Shams, Dahnish <Shams.Dahnish@epa.gov; Carlson-Lynch, Heather hclynch@srcinc.com; Zaccaria, Kim

<kzaccaria@srcinc.com>; Printup, Heather <printup@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Kathleen,

Ex. 5 Deliberative Process (DP)

Sorry for any confusion!

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist Defense and Environmental Solutions SRC, Inc. 162 US Route 1 Scarborough, ME 04074 T 207-883-9824 C 207-318-6409 jmelia@srcinc.com www.srcinc.com

From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

Sent: Tuesday, October 18, 2016 1:09 PM

To: Melia, Julie < imelia@srcinc.com>; Soto, Vicki < Soto. Vicki@epa.gov>

Cc: Shams, Dahnish <Shams.Dahnish@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>; Zaccaria, Kim

<kzaccaria@srcinc.com>; Printup, Heather <printup@srcinc.com>

Subject: RE: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Thanks Julie for making these questions so straightforward! I've attached my responses. Let me know if there are any questions with the RfC/RfD arrays.

Thanks!

Kathleen

From: Melia, Julie [mailto:jmelia@srcinc.com]
Sent: Tuesday, October 18, 2016 7:20 AM

To: Soto, Vicki <<u>Soto.Vicki@epa.gov</u>>; Newhouse, Kathleen <<u>Newhouse.Kathleen@epa.gov</u>>
Cc: Shams, Dahnish <<u>Shams.Dahnish@epa.gov</u>>; Carlson-Lynch, Heather <<u>hclynch@srcinc.com</u>>; Zaccaria, Kim

<kzaccaria@srcinc.com>; Printup, Heather <printup@srcinc.com>

Subject: Questions regarding BaP ER arrays (EP-B16C-00022; TD No. GS-16-015)

Hi Vicki and Kathleen,

I have attached a list of questions/comments pertaining to the exposure response arrays for BaP and the corresponding draft arrays for EPA review. I would appreciate your technical direction regarding further revisions to these figures.

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist Defense and Environmental Solutions SRC, Inc. 162 US Route 1 Scarborough, ME 04074 T 207-883-9824 C 207-318-6409 imelia@sreinc.com www.srcinc.com